

FIG. 1

|      | GCHs for MS to monitor |   |   |
|------|------------------------|---|---|
| MS1  | 1                      | 2 | 3 |
| MS2  | 4                      | 5 | 6 |
| MS3  | 1                      | 7 | 8 |
| MS4  | 2                      | 3 | 4 |
| MS5  | 5                      | 6 | 7 |
| MS6  | 1                      | 2 | 8 |
| MS7  | 3                      | 4 | 5 |
| MS8  | 6                      | 7 | 8 |
| MS9  | 1                      | 2 | 3 |
| MS10 | 4                      | 5 | 6 |

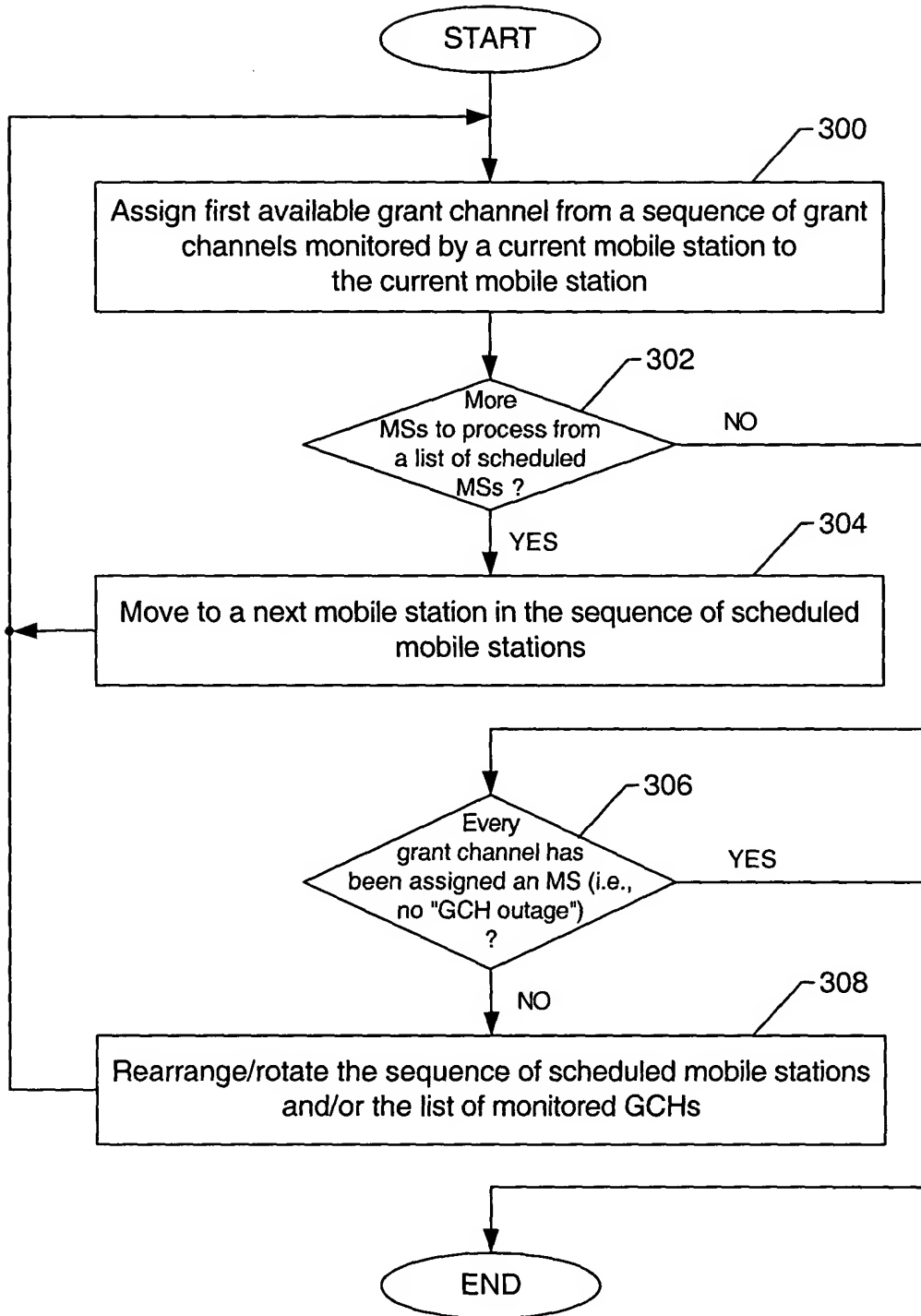
FIG. 2A

|    | MSs scheduled and rotated |    |    |    |    |    |    |    |  |  |
|----|---------------------------|----|----|----|----|----|----|----|--|--|
| R0 | 2                         | 3  | 4  | 6  | 7  | 8  | 9  | 10 |  |  |
| R1 | 3                         | 4  | 6  | 7  | 8  | 9  | 10 | 2  |  |  |
| R2 | 4                         | 6  | 7  | 8  | 9  | 10 | 2  | 3  |  |  |
| R3 | 6                         | 7  | 8  | 9  | 10 | 2  | 3  | 4  |  |  |
| R4 | 7                         | 8  | 9  | 10 | 2  | 3  | 4  | 6  |  |  |
| R5 | 8                         | 9  | 10 | 2  | 3  | 4  | 6  | 7  |  |  |
| R6 | 9                         | 10 | 2  | 3  | 4  | 6  | 7  | 8  |  |  |
| R7 | 10                        | 2  | 3  | 4  | 6  | 7  | 8  | 9  |  |  |

FIG. 2B

|        | Assignment of scheduled MSs |    |    |    |    |
|--------|-----------------------------|----|----|----|----|
|        | R0                          | R1 | R2 | R3 | R4 |
| GCH1   | 3                           | 3  | 6  | 6  | 9  |
| GCH2   | 4                           | 4  | 4  | 9  | 4  |
| GCH3   | 7                           | 7  | 7  | 7  | 7  |
| GCH4   | 2                           | 10 | 10 | 10 | 10 |
| GCH5   | 10                          | 2  | 2  | 2  | 2  |
| GCH6   | 8                           | 8  | 8  | 8  | 8  |
| GCH7   | -                           | -  | 3  | 3  | 3  |
| GCH8   | 6                           | 6  | -  | -  | 6  |
| OUTAGE | 9                           | 9  | 9  | 4  | -  |

FIG. 2C

**FIG. 3**

Performance of GCH Assignment

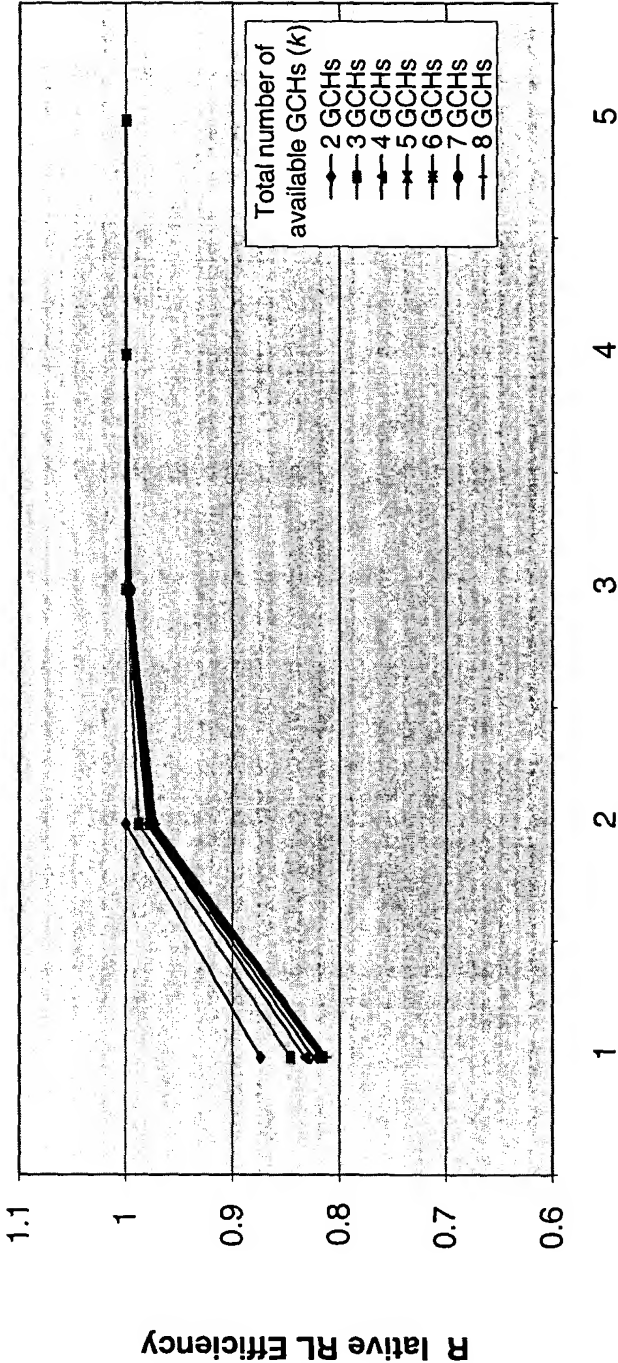


FIG. 4

Performance of GCH Assignment

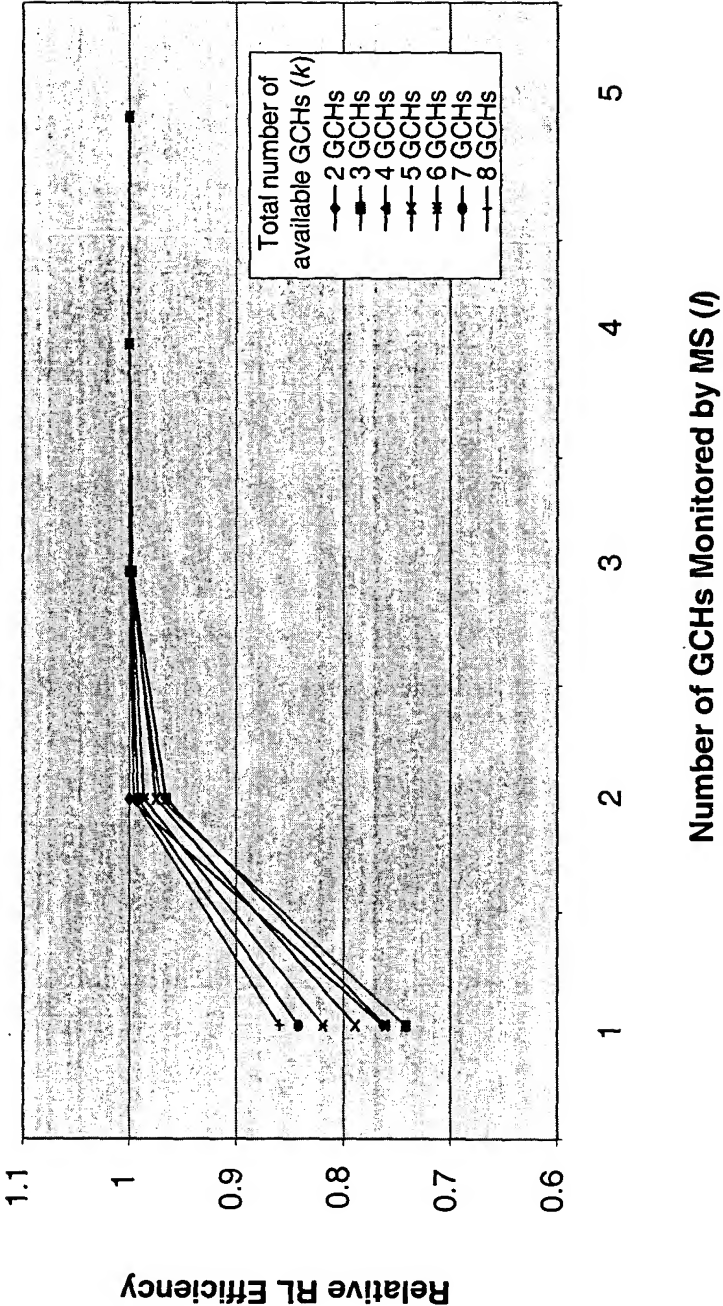
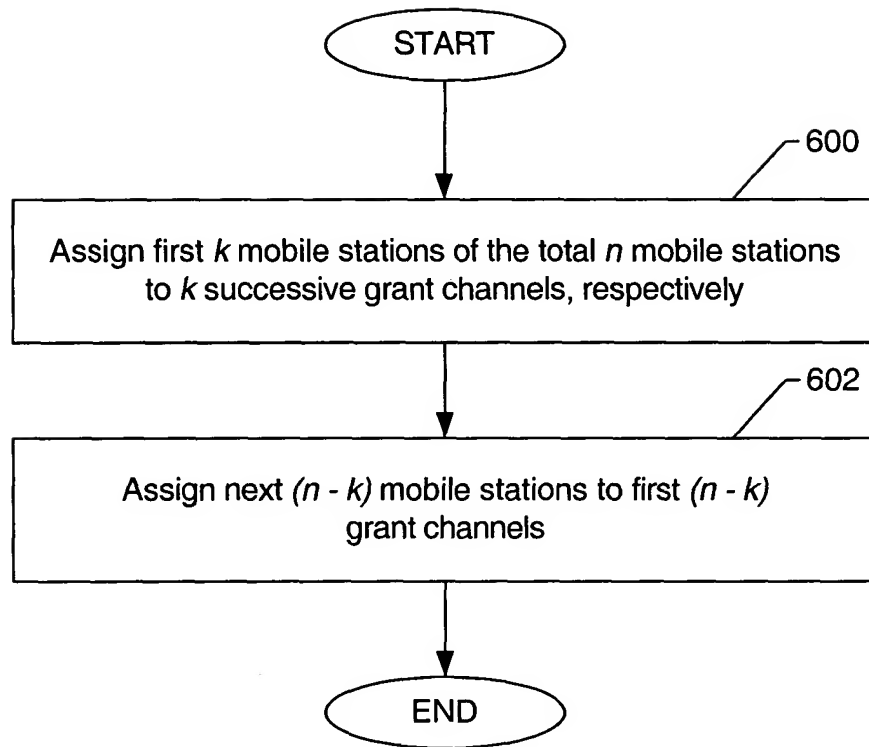


FIG. 5

**FIG. 6**

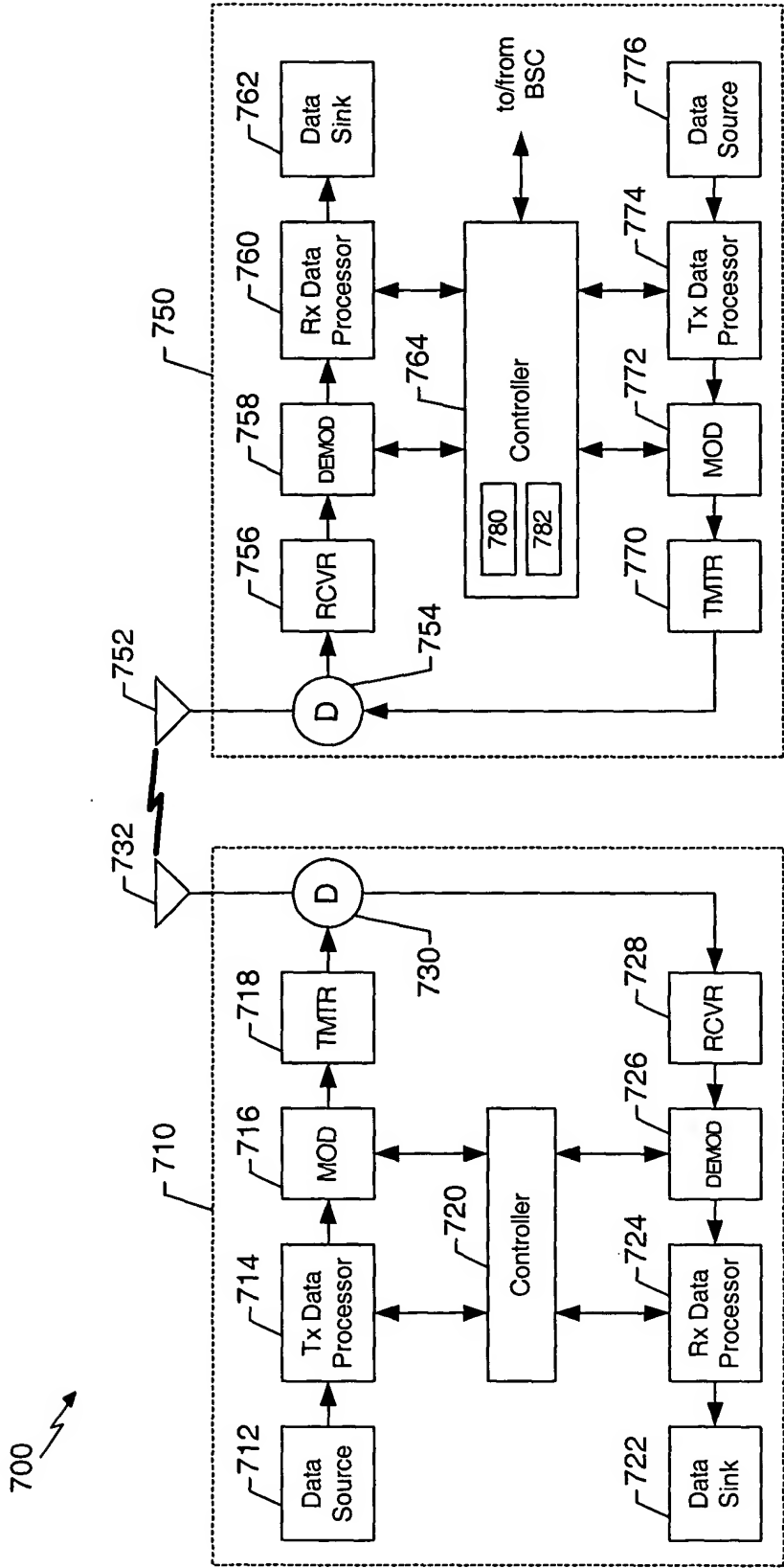


FIG. 7